

## GP Silicone Tubing

SILICONE TUBING MADE FROM GENERAL PURPOSE (GP) SILICONE FOR PERISTALTIC PUMPS

### Product description

GP Silicone Tubings are a silicone extrusion product manufactured for peristaltic pumps in pharmaceutical application as well as pH control, media feed in fermentation and liquid transfer in general. The tubings are made using general purpose silicone to make them a cost-effective option where pure silicone properties are necessary whilst high tear resistance properties are not a design factor.

### Properties

The product is made from general purpose silicone and can be made in different colours as required.

### Safety Notes

We recommend running preliminary tests to ensure the product material and cross-section profile suit the application and meet the desired performance criteria.

### Product Data

Characteristics	Description
Material Composition	≈ %100 Silicone (Less than %1 of the material is pigment)
Colour	As Per Required
Density	1.14(±0.1) <i>gr/cm<sup>3</sup></i>
Temperature Range	-60°C to +230°C
Stability	UV and Ozone Resistant
Hardness	60 Duro
Tensile Strengths	11MPa
Tear Strengths	21N/mm
Elongation at Break	490%
Shelf life	20 Years